

DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATIONS

PATENT

Docket No. : 40593/CAB/B600

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **AN ADAPTIVE RADIO TRANSCEIVER**, the specification of which is attached hereto unless the following is checked:

X was filed on October 23, 2000 as United States Application Number or PCT International Application Number 09/695,715 and was amended on \_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of the foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

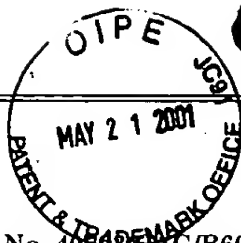
<u>Application Number</u>	<u>Country</u>	<u>Filing Date (day/month/year)</u>	<u>Priority Claimed</u>
---------------------------	----------------	-------------------------------------	-------------------------

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

<u>Application Number</u>	<u>Filing Date</u>
---------------------------	--------------------

60/160,839	October 21, 1999
60/163,488	November 4, 1999
60/163,780	November 5, 1999
60/164,446	November 9, 1999
60/164,987	November 11, 1999

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is



DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATIONS

Docket No. 40368 PAG/B600

material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

<u>Application Number</u>	<u>Filing Date</u>	<u>Patented/Pending/Abandoned</u>
09/634,552	August 8, 2000	Pending
(which claimed the benefit of provisional applications as follows:		
60/160,806	October 21, 1999	
60/163,487	November 4, 1999	
60/163,398	November 4, 1999	
60/164,442	November 9, 1999	
60/164,194	November 9, 1999	
60/164,314	November 9, 1999	
60/165,234	November 11, 1999	
60/165,239	November 11, 1999	
60/165,356	November 12, 1999	
60/165,355	November 12, 1999	
60/172,348	December 16, 1999	
60/201,335	May 2, 2000	
60/201,157	May 2, 2000	
60/201,179	May 2, 2000	
60/202,997	May 2, 2000	

**POWER OF ATTORNEY:** I hereby appoint the following attorneys and agents of the law firm CHRISTIE, PARKER & HALE, LLP to prosecute this application and any international application under the Patent Cooperation Treaty based on it and to transact all business in the U.S. Patent and Trademark Office connected with either of them in accordance with instructions from the assignee of the entire interest in this application; or from the first or sole inventor named below in the event the application is not assigned; or from \_\_ in the event the power granted herein is for an application filed on behalf of a foreign attorney or agent.

R. W. Johnston	(17,968)	Gregory S. Lampert	(35,581)	Cynthia A. Bonner	(44,548)
D. Bruce Prout	(20,958)	Grant T. Langton	(39,739)	Jun-Young E. Jeon	(43,693)
Hayden A. Carney	(22,653)	Constantine Marantidis	(39,759)	Marc A. Karish	(44,816)
Richard J. Ward, Jr.	(24,187)	Daniel R. Kimbell	(34,849)	John F. O'Rourke	(38,985)
Russell R. Palmer, Jr.	(22,994)	Craig A. Gelfound	(41,032)	Richard J. Paciulan	(28,248)
LeRoy T. Rahn	(20,356)	Syed A. Hasan	(41,057)	Josephine E. Chang	(46,083)
Richard D. Seibel	(22,134)	Kathleen M. Olster	(42,052)	Frank L. Cire	(42,419)
Walter G. Maxwell	(25,355)	Daniel M. Cavanagh	(41,661)	Harold E. Wurst	(22,183)
William P. Christie	(29,371)	Molly A. Holman	(40,022)	Robert A. Green	(28,301)
David A. Dillard	(30,831)	Lucinda G. Auciello	(42,270)	Derrick W. Reed	(40,138)
Thomas J. Daly	(32,213)	Norman E. Carte	(30,455)	John W. Peck	(44,284)
Vincent G. Gioia	(19,959)	Joel A. Kauth	(41,886)	Stephen D. Burbach	(40,285)
Edward R. Schwartz	(31,135)	Patrick Y. Ikehara	(42,681)	David B. Sandelands, Jr.	(46,023)
John D. Carpenter	(34,133)	Mark Garscia	(31,953)	Heidi L. Eisenhut	(46,812)
David A. Plumley	(37,208)	Gary J. Nelson	(44,257)	Nicholas J. Pauley	(44,999)
Wesley W. Monroe	(39,778)	Raymond R. Tabandeh	(43,945)	Mark J. Marcelli	(36,593)


**DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATIONS**

**Docket No. 40593/CAG/B600**

The authority under this Power of Attorney of each person named above shall automatically terminate and be revoked upon such person ceasing to be a member or associate of or of counsel to that law firm.

**DIRECT TELEPHONE CALLS TO : Craig A. Gelfound, 626/795-9900**  
**SEND CORRESPONDENCE TO : CHRISTIE, PARKER & HALE, LLP**  
**P.O. Box 7068, Pasadena, CA 91109-7068**

I declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first joint inventor <b>Ahmadreza Rofougaran</b>	Inventor's signature 	Date <b>2-21-2001</b>
Residence and Post Office Address <b>Marina del Rey, California</b>		Citizenship <b>U.S.A.</b>

Full name of second joint inventor <b>Maryam Rofougaran</b>	Inventor's signature	Date
Residence and Post Office Address <b>Marina del Rey, California</b>		Citizenship <b>Iran</b>

Full name of third joint inventor <b>Meng-An Pan</b>	Inventor's signature	Date
Residence and Post Office Address <b>Los Angeles, California</b>		Citizenship <b>Taiwan</b>

Full name of fourth joint inventor <b>Hung-Ming Chien</b>	Inventor's signature	Date
Residence and Post Office Address <b>Los Angeles, California</b>		Citizenship <b>Taiwan</b>

Full name of fifth joint inventor <b>Shahla Khorram</b>	Inventor's signature	Date
Residence and Post Office Address <b>Los Angeles, California</b>		Citizenship <b>U.S.A.</b>

Full name of sixth joint inventor <b>William T. Colleran</b>	Inventor's signature	Date
Residence and Post Office Address <b>Manhattan Beach, California</b>		Citizenship <b>U.S.A.</b>



**DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATIONS**

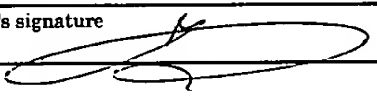
**Docket No. 40593/CAC/B600**

The authority under this Power of Attorney of each person named above shall automatically terminate and be revoked upon such person ceasing to be a member or associate of or of counsel to that law firm.

**DIRECT TELEPHONE CALLS TO : Craig A. Gelfound, 626/795-9900**  
**SEND CORRESPONDENCE TO : CHRISTIE, PARKER & HALE, LLP**  
**P.O. Box 7068, Pasadena, CA 91109-7068**

I declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first joint inventor <b>Ahmadreza Rofougaran</b>	Inventor's signature	Date
Residence and Post Office Address <b>Marina del Rey, California</b>		Citizenship <b>U.S.A.</b>

Full name of second joint inventor <b>Maryam Rofougaran</b>	Inventor's signature 	Date <b>7-2-01</b>
Residence and Post Office Address <b>Marina del Rey, California</b>		Citizenship <b>Iran</b>

Full name of third joint inventor <b>Meng-An Pan</b>	Inventor's signature	Date
Residence and Post Office Address <b>Los Angeles, California</b>		Citizenship <b>Taiwan</b>

Full name of fourth joint inventor <b>Hung-Ming Chien</b>	Inventor's signature	Date
Residence and Post Office Address <b>Los Angeles, California</b>		Citizenship <b>Taiwan</b>

Full name of fifth joint inventor <b>Shahla Khorram</b>	Inventor's signature	Date
Residence and Post Office Address <b>Los Angeles, California</b>		Citizenship <b>U.S.A.</b>

Full name of sixth joint inventor <b>William T. Collieran</b>	Inventor's signature	Date
Residence and Post Office Address <b>Manhattan Beach, California</b>		Citizenship <b>U.S.A.</b>



DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATIONS

Docket No. 40593/00000000

The authority under this Power of Attorney of each person named above shall automatically terminate and be revoked upon such person ceasing to be a member or associate of or of counsel to that law firm.

DIRECT TELEPHONE CALLS TO : Craig A. Gelfound, 626/795-9900  
SEND CORRESPONDENCE TO : CHRISTIE, PARKER & HALE, LLP  
P.O. Box 7068, Pasadena, CA 91109-7068

I declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first joint inventor <b>Ahmadreza Rofougaran</b>	Inventor's signature	Date
Residence and Post Office Address <b>Marina del Rey, California</b>		Citizenship <b>U.S.A.</b>

Full name of second joint inventor <b>Maryam Rofougaran</b>	Inventor's signature	Date
Residence and Post Office Address <b>Marina del Rey, California</b>		Citizenship <b>Iran</b>

Full name of third joint inventor <b>Meng-An Pan</b>	Inventor's signature <i>Meng-An Pan</i>	Date <b>1.30.2001</b>
Residence and Post Office Address <b>Los Angeles, California</b>		Citizenship <b>Taiwan</b>

Full name of fourth joint inventor <b>Hung-Ming Chien</b>	Inventor's signature	Date
Residence and Post Office Address <b>Los Angeles, California</b>		Citizenship <b>Taiwan</b>

Full name of fifth joint inventor <b>Shahla Khorram</b>	Inventor's signature	Date
Residence and Post Office Address <b>Los Angeles, California</b>		Citizenship <b>U.S.A.</b>

Full name of sixth joint inventor <b>William T. Colleran</b>	Inventor's signature	Date
Residence and Post Office Address <b>Manhattan Beach, California</b>		Citizenship <b>U.S.A.</b>



**DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATIONS**

**Docket No. 40593/CAG/B600**

The authority under this Power of Attorney of each person named above shall automatically terminate and be revoked upon such person ceasing to be a member or associate of or of counsel to that law firm.

**DIRECT TELEPHONE CALLS TO : Craig A. Gelfound, 626/795-9900**  
**SEND CORRESPONDENCE TO : CHRISTIE, PARKER & HALE, LLP**  
**P.O. Box 7068, Pasadena, CA 91109-7068**

I declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first joint inventor <b>Ahmadreza Rofougaran</b>	Inventor's signature	Date
Residence and Post Office Address <b>Marina del Rey, California</b>		Citizenship <b>U.S.A.</b>

Full name of second joint inventor <b>Maryam Rofougaran</b>	Inventor's signature	Date
Residence and Post Office Address <b>Marina del Rey, California</b>		Citizenship <b>Iran</b>

Full name of third joint inventor <b>Meng-An Pan</b>	Inventor's signature	Date
Residence and Post Office Address <b>Los Angeles, California</b>		Citizenship <b>Taiwan</b>

Full name of fourth joint inventor <b>Hung-Ming Chien</b>	Inventor's signature <i>Hung-Ming Chien</i>	Date <b>01/30/2001</b>
Residence and Post Office Address <b>Los Angeles, California</b>		Citizenship <b>Taiwan</b>

Full name of fifth joint inventor <b>Shahla Khorram</b>	Inventor's signature	Date
Residence and Post Office Address <b>Los Angeles, California</b>		Citizenship <b>U.S.A.</b>

Full name of sixth joint inventor <b>William T. Colleran</b>	Inventor's signature	Date
Residence and Post Office Address <b>Manhattan Beach, California</b>		Citizenship <b>U.S.A.</b>



DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATIONS

Docket No. 40593/CAG/B600

The authority under this Power of Attorney of each person named above shall automatically terminate and be revoked upon such person ceasing to be a member or associate of or of counsel to that law firm.

DIRECT TELEPHONE CALLS TO : Craig A. Gelfound, 626/795-9900

SEND CORRESPONDENCE TO : CHRISTIE, PARKER & HALE, LLP  
P.O. Box 7068, Pasadena, CA 91109-7068

I declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first joint inventor <b>Ahmadreza Rofougaran</b>	Inventor's signature	Date
Residence and Post Office Address <b>Marina del Rey, California</b>		Citizenship <b>U.S.A.</b>

Full name of second joint inventor <b>Maryam Rofougaran</b>	Inventor's signature	Date
Residence and Post Office Address <b>Marina del Rey, California</b>		Citizenship <b>Iran</b>

Full name of third joint inventor <b>Meng-An Pan</b>	Inventor's signature	Date
Residence and Post Office Address <b>Los Angeles, California</b>		Citizenship <b>Taiwan</b>

Full name of fourth joint inventor <b>Hung-Ming Chien</b>	Inventor's signature	Date
Residence and Post Office Address <b>Los Angeles, California</b>		Citizenship <b>Taiwan</b>

Full name of fifth joint inventor <b>Shahla Khorram</b>	Inventor's signature <i>Shahla Khorram</i>	Date <b>1/29/2001</b>
Residence and Post Office Address <b>Los Angeles, California</b>		Citizenship <b>U.S.A.</b>

Full name of sixth joint inventor <b>William T. Colleran</b>	Inventor's signature	Date
Residence and Post Office Address <b>Manhattan Beach, California</b>		Citizenship <b>U.S.A.</b>



**DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATIONS**

Docket No. 40593/CAG/1500

The authority under this Power of Attorney of each person named above shall automatically terminate and be revoked upon such person ceasing to be a member or associate of or of counsel to that law firm.

**DIRECT TELEPHONE CALLS TO :** Craig A. Gelfound, 626/795-9900  
**SEND CORRESPONDENCE TO :** CHRISTIE, PARKER & HALE, LLP  
P.O. Box 7068, Pasadena, CA 91109-7068

I declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

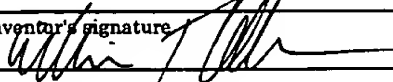
Full name of sole or first joint inventor <b>Ahmadreza Rofougaran</b>	Inventor's signature	Date
Residence and Post Office Address <b>Marina del Rey, California</b>		Citizenship <b>U.S.A.</b>

Full name of second joint inventor <b>Maryam Rofougaran</b>	Inventor's signature	Date
Residence and Post Office Address <b>Marina del Rey, California</b>		Citizenship <b>Iran</b>

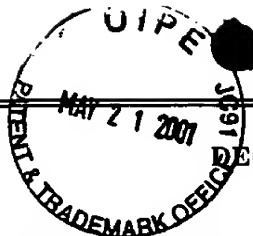
Full name of third joint inventor <b>Meng-An Pan</b>	Inventor's signature	Date
Residence and Post Office Address <b>Los Angeles, California</b>		Citizenship <b>Taiwan</b>

Full name of fourth joint inventor <b>Hung-Ming Chien</b>	Inventor's signature	Date
Residence and Post Office Address <b>Los Angeles, California</b>		Citizenship <b>Taiwan</b>

Full name of fifth joint inventor <b>Shahla Khorram</b>	Inventor's signature	Date
Residence and Post Office Address <b>Los Angeles, California</b>		Citizenship <b>U.S.A.</b>

Full name of sixth joint inventor <b>William T. Colleran</b>	Inventor's signature 	Date <b>2/12/01</b>
Residence and Post Office Address <b>Manhattan Beach, California</b>		Citizenship <b>U.S.A.</b>





DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATIONS

Docket No. 40593/CAG/B600

Full name of seventh joint inventor <b>Jacob Rael</b>	Inventor's signature <i>Jacob Rael</i>	Date 1/31/01
Residence and Post Office Address <b>Los Angeles, California</b>		Citizenship <b>U.S.A.</b>

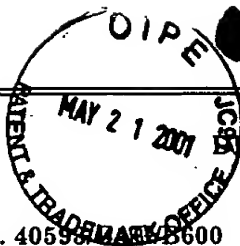
Full name of eight joint inventor <b>Masood Syed</b>	Inventor's signature	Date
Residence and Post Office Address <b>Los Angeles, California</b>		Citizenship <b>Pakistan</b>

Full name of ninth joint inventor <b>Brima Ibrahim</b>	Inventor's signature	Date
Residence and Post Office Address <b>Los Angeles, California</b>		Citizenship <b>Sierra Leone</b>

Full name of tenth joint inventor <b>Stephen Wu</b>	Inventor's signature	Date
Residence and Post Office Address <b>Los Angeles, California</b>		Citizenship <b>U.S.A.</b>

Full name of eleventh joint inventor <b>Shervin Moloudi</b>	Inventor's signature	Date
Residence and Post Office Address <b>Los Angeles, California</b>		Citizenship <b>Iran</b>

DP PAS280854.1\*-10/23/00 10:01 PM



DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATIONS

Docket No. 40593-1600

Full name of seventh joint inventor <b>Jacob Rael</b>	Inventor's signature	Date
Residence and Post Office Address <b>Los Angeles, California</b>		Citizenship <b>U.S.A.</b>

Full name of eighth joint inventor <b>Masood Syed</b>	Inventor's signature <i>Masood Syed</i>	Date <b>5/8/01</b>
Residence and Post Office Address <b>Los Angeles, California</b>		Citizenship <b>Pakistan</b>

Full name of ninth joint inventor <b>Brima Ibrahim</b>	Inventor's signature	Date
Residence and Post Office Address <b>Los Angeles, California</b>		Citizenship <b>Sierra Leone</b>

Full name of tenth joint inventor <b>Stephen Wu</b>	Inventor's signature	Date
Residence and Post Office Address <b>Los Angeles, California</b>		Citizenship <b>U.S.A.</b>

Full name of eleventh joint inventor <b>Shervin Moloudi</b>	Inventor's signature	Date
Residence and Post Office Address <b>Los Angeles, California</b>		Citizenship <b>Iran</b>

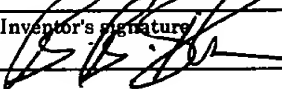
DP PAS280854.1\*-10/23/00 10:01 PM

**DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATIONS**

Docket No. 40593/CAG/B600

Full name of seventh joint inventor <b>Jacob Rael</b>	Inventor's signature	Date
Residence and Post Office Address <b>Los Angeles, California</b>		Citizenship <b>U.S.A.</b>

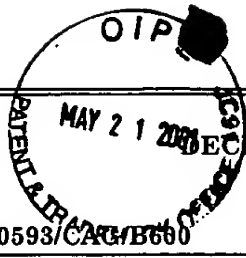
Full name of eight joint inventor <b>Masood Syed</b>	Inventor's signature	Date
Residence and Post Office Address <b>Los Angeles, California</b>		Citizenship <b>Pakistan</b>

Full name of ninth joint inventor <b>Brima Ibrahim</b>	Inventor's signature 	Date <b>1/30/2001</b>
Residence and Post Office Address <b>Los Angeles, California</b>		Citizenship <b>Sierra Leone</b>

Full name of tenth joint inventor <b>Stephen Wu</b>	Inventor's signature	Date
Residence and Post Office Address <b>Los Angeles, California</b>		Citizenship <b>U.S.A.</b>

Full name of eleventh joint inventor <b>Shervin Moloudi</b>	Inventor's signature	Date
Residence and Post Office Address <b>Los Angeles, California</b>		Citizenship <b>Iran</b>

DP PAS280854.1-10/23/00 10:01 PM



DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATIONS

Docket No. 40593/CAG/B660

Full name of seventh joint inventor <b>Jacob Rael</b>	Inventor's signature	Date
Residence and Post Office Address <b>Los Angeles, California</b>		Citizenship <b>U.S.A.</b>

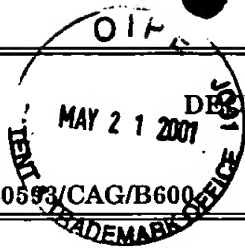
Full name of eight joint inventor <b>Masood Syed</b>	Inventor's signature	Date
Residence and Post Office Address <b>Los Angeles, California</b>		Citizenship <b>Pakistan</b>

Full name of ninth joint inventor <b>Brima Ibrahim</b>	Inventor's signature	Date
Residence and Post Office Address <b>Los Angeles, California</b>		Citizenship <b>Sierra Leone</b>

Full name of tenth joint inventor <b>Stephen Wu</b>	Inventor's signature <i>Stephen Wu</i>	Date <b>1-30-2001</b>
Residence and Post Office Address <b>Los Angeles, California</b>		Citizenship <b>U.S.A.</b>

Full name of eleventh joint inventor <b>Shervin Moloudi</b>	Inventor's signature	Date
Residence and Post Office Address <b>Los Angeles, California</b>		Citizenship <b>Iran</b>

DP PAS280854.1--10/23/00 10:01 PM



DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATIONS

Docket No. 40593/CAG/B600

Full name of seventh joint inventor <b>Jacob Rael</b>	Inventor's signature	Date
Residence and Post Office Address <b>Los Angeles, California</b>		Citizenship <b>U.S.A.</b>

Full name of eight joint inventor <b>Masood Syed</b>	Inventor's signature	Date
Residence and Post Office Address <b>Los Angeles, California</b>		Citizenship <b>Pakistan</b>

Full name of ninth joint inventor <b>Brima Ibrahim</b>	Inventor's signature	Date
Residence and Post Office Address <b>Los Angeles, California</b>		Citizenship <b>Sierra Leone</b>

Full name of tenth joint inventor <b>Stephen Wu</b>	Inventor's signature	Date
Residence and Post Office Address <b>Los Angeles, California</b>		Citizenship <b>U.S.A.</b>

Full name of eleventh joint inventor <b>Shervin Moloudi</b>	Inventor's signature <i>Shervin Moloudi</i>	Date <b>30 JAN 01</b>
Residence and Post Office Address <b>Los Angeles, California</b>		Citizenship <b>Iran</b>

DP PAS280854.1\*-10/23/00 10:01 PM